

Sondervortrag

Am Montag, dem 30. Mai 2011, um 15:00 Uhr hält

Prof. Yuelin Wang
Shanghai Institute of Microsystem and Information Technology

einen Vortrag mit dem Titel

MEMS Activity in SIMIT

Der Vortrag findet im OFFIS, Escherweg 2, Konferenzraum F02 statt.

Abstract:

As one of the early beginners, Shanghai institute of micro system and information Technology (SIMIT) started its MEMS research since the middle of 1980's. In the last twenty years, SIMIT develops not only its ability in bulk micromaching and surface micromaching technologies but also its capacity in sensors and actuators.

Now SIMIT has 1600 m² clean room for MEMS fabrication and packaging, and focuses on micro/nano sensors by means of microelectronic and micromachining fabrication technologies and also explores integrated microsystems and advanced packaging techniques. Its major research areas include micro/nano scale effects and their characterization and mechanism, micro and nano compatible fabrication technologies, MEMS wafer fab and packaging, monolithic integration and 3-D integration of microsystems, microsensors and nanosensors, and integrated micro-system technologies.

With extensive R&D expertise and established manufacturing facility, SIMIT are working on MEMS research and development, aiming at commercializing MEMS from concept to product.

Biographie:

Prof. Yuelin Wang received his B. S. Degree from Zhejiang University in 1982, his M. S. Degree from Harbin Institute of Technology in 1985, and Ph. D Degree from Tsinghua University in 1989. He joined the faculty of Zhejiang University in 1985, and was an associate professor in 1991, and a professor and doctor advisor in 1993 and 1994, separately. He is currently a Professor of Shanghai institute of Microsystem and Information Technology. His research interests include microelectromechanical systems, and nanoelectromechanical systems. He began his work in micro-electro-mechanical systems in 1986, and published almost 200 articles in journals and conferences. He is the owner of over 30 patents and pending patents of China. Dr. Wang is IEEE senior member, editor of the Journal Sensors and Materials, committeeman of Transducer 01, 03 and 07, permanent trustee of Chinese Micro- and Nano- Technologies Society, director of the Shanghai sensing technology Society, deputy director of the sensor branch of China Instrument Society of Electrical Measuring Instrument.

Eingeladen von: Prof. Dr. Sergej Fatikow